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TITLE: Magnetic recording medium, used for high performance magnetic recording apparatus, especially for high capacity 100 Mb floppy disks for computers, video and audio tapes and cards

INVENTOR: SASAKI, F

PATENT-ASSIGNEE:

ASSIGNEE
SONY CORP

CODE
SONY

PRIORITY-DATA: 1998JP-0140002 (May 21, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6165581 A	December 26, 2000		000	G11B005/82
EP 959461 A1	November 24, 1999	E	021	G11B005/71
JP 11339253 A	December 10, 1999		010	G11B005/71

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6165581A	May 17, 1999	1999US-0312771	
EP 959461A1	May 20, 1999	1999EP-0109954	
JP 11339253A	May 21, 1998	1998JP-0140002	

INT-CL (IPC): C10 M 105/32; C10 N 40:18; G11 B 5/71; G11 B 5/72; G11 B 5/82; G11 B 5/84

ABSTRACTED-PUB-NO: EP 959461A

BASIC-ABSTRACT:

NOVELTY - Magnetic recording medium comprises alternate magnetic recording layers and nonmagnetic under layers coated on a nonmagnetic support, in which at least 1 layer contains a fatty acid ester compound having at least 1 side chain group of mol.wt. at least 70.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of manufacturing a magnetic recording medium, comprising successively coating a nonmagnetic under layer coating material and a magnetic recording layer coating material on a nonmagnetic support, in which at least 1 of the coated layers contains the fatty acid ester compound.

USE - The media are useful in high performance magnetic recording apparatus, e.g. for computers (particularly for large capacity, e.g. 100 Mb, 3.5 inch floppy disks), video or audio apparatus using tapes or cards, especially for high density, digital recording.